

Amendments to the Claims

This listing of claims replaces all prior versions, and listings, of claims in the application.

Listing of Claims

Claims 1-13. (Canceled)

Claim 14. (Currently amended)[[:]] Infusion device for subcutaneous administering a medication or a therapeutic fluid to a patient, comprising

~~a base element, comprising~~

~~fluid receiving means for receiving said fluid,~~

~~fluid communication means for transferring said fluid into a cannula, and~~

~~at least one recess for accommodating a septum pierceable by a needle; and~~

~~a septum housing accommodating said septum, at least part of said septum housing substantially also accommodated within said recess;~~

~~wherein said septum is secured to said base element by said septum housing in such a way that a fluid transfer volume is formed in said at least one recess between an internal surface of said septum and an inner section of said recess in said base element, said fluid transfer volume communicating with said fluid~~

~~communication means, wherein said septum, due to the selected resilient material and selected dimensions of said septum and said septum housing, is substantially mainly radially compressed in said septum housing in order to provide a fluid-tight seal between said septum and said septum housing, and for assisting in the fixing and fluid-sealing of said septum housing to said base element~~ said infusion device comprising a base element, a septum housing, and a septum pierceable by a needle,

said base element including an opening for receiving said fluid, fluid communication means for transferring said fluid to an outlet communicating with a cannula, and a recess for accommodating at least a part of said septum housing,

said septum housing being configured to accommodate said septum, and said septum being secured to said base element by said septum housing,

a fluid-tight seal being formed between said septum and said septum housing, and

a fluid transfer volume being formed in said recess between the septum housing and said outlet communicating with said cannula, said fluid transfer volume having an inlet for fluid communication with said opening in the base element.

Claim 15. (Currently amended)[[:]] ~~Infusion~~ The infusion device according to claim 14, wherein said fluid transfer volume is

~~accommodating~~ configured to accommodate said cannula securing means.

~~Claim 16.~~ (Currently amended)[[:]] ~~Infusion~~ The infusion device according to claim 14, wherein said septum housing is a tubular element accommodating said septum, at least one end of ~~which~~ said tubular element forming a substantially partial enclosure over one surface of said septum.

~~Claim 17.~~ (Currently amended)[[:]] ~~Infusion~~ The infusion device according to claim 14, wherein said septum housing includes an integrally formed cannula bushing.

~~Claim 18.~~ (Currently amended)[[:]] ~~Infusion~~ The infusion device according to claim 14, wherein one of the surfaces of said septum is substantially exposed.

~~Claim 19.~~ (Currently amended)[[:]] ~~Infusion~~ The infusion device according to claim 14, wherein said septum housing is fixed to said base element by welding.

~~Claim 20.~~ (Currently amended)[[:]] ~~Infusion~~ The infusion device according to claim 19, wherein said ~~septum housing is fixed to said~~ base element by welding is ultrasonic welding.

~~Claim~~ 21_. (Currently amended)[[:]] ~~Infusion~~ The infusion device according to claim 14, wherein said septum housing is fixed to said base element by a snap-lock.

~~Claim~~ 22_. (Currently amended)[[:]] ~~Infusion~~ The infusion device according to claim 14, wherein said septum housing is fluid-sealed by ultrasonic welding to said base element.

~~Claim~~ 23_. (Currently amended)[[:]] ~~Infusion~~ The infusion device according to claim 14, wherein said septum housing is fluid-sealed by a gasket arranged between said septum housing and ~~said~~ an inner section of said recess.

~~Claim~~ 24_. (Currently amended)[[:]] ~~Infusion~~ The infusion device according to claim 14, wherein said septum is fixed inside said septum housing by friction.

~~Claim~~ 25_. (Currently amended)[[:]] ~~Infusion~~ The infusion device according to claim 14, wherein said septum is fixed inside said septum housing by welding.

~~Claim~~ 26_. (Currently amended)[[:]] ~~Infusion~~ The infusion device according to claim 25, wherein said ~~septum is fixed inside said septum housing by~~ welding is ultrasonic welding.

27. (New) The infusion device according to claim 14, wherein said septum is radially compressed and is configured to assist in the fixing and fluid-sealing of said septum housing to said base element.

28. (New) The infusion device according to claim 14, wherein said fluid-tight seal between said septum and said septum housing is provided by (i) a resilient material and selected dimensions of said septum and said septum housing, and (ii) said septum being substantially mainly radially compressed in said septum housing.

29. (New) The infusion device according to claim 14, wherein said septum is premountable in said septum housing.

30. (New) The infusion device according to claim 14, wherein said septum housing is provided as a single piece.

31. (New) The infusion device according to claim 14, wherein said recess forms a cavity accommodating said septum housing and said septum.